



# भारत का राजपत्र

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No. 34]

NEW DELHI, SATURDAY, AUGUST 24, 1968 (BHADRA 2, 1890)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके  
Separate paging is given to this Part in order that it may be filed as a separate compilation

## भाग III—खण्ड 2

## PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

## THE PATENT OFFICE

## Patents and Designs

Calcutta, the 24th August 1968

## Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

3rd August 1968

117076. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Tetrahydroisoquinoline derivatives and process for the manufacture thereof.
117077. Boots Pure Drug Company Limited. Preparation of steroids. (4th August 1967).
117078. Farbwerke Hoechst Aktiengesellschaft Vormals Meister Lucius & Bruning. Benzenesulfonylureas and process for preparing them.
117079. Franco-Indian Pharmaceuticals Private Ltd. Psoralene and isopsoralene, process for their isolation and separation.
117080. Sandoz Ltd. Dyeing and printing process for polyesters.
117081. J. P. Palkhiwala. Motion changing device.
117082. K. Ramakrishnan. A new structural form
117083. T. M. I. K. Rao. Compound hydraulic torque converter.
117084. T. M. I. K. Rao. Compound power turbine—design 1.
117085. Imperial Chemical Industries Limited. New oxadiazole compounds. (15th August 1967).
117086. K. Klein. Improvements in or relating to containers for packaging goods. (29th April 1968)
117087. Rexall Drug and Chemical Company. Fluoro-substituted 1-lower-alkyl-3-benzoyl 4-hydroxy-4-phenyl-piperidines and process for preparing the same

5th August 1968

117088. F. C. Mendoza. Improvements in automatic tortilla making machines.
117089. Z. C. Mehta. A loom having air jet means to displace wefts to avoid weft staining due to contact with sley and shuttle.
117090. Eaton Yale & Towne Inc. Safety device.
117091. Eaton Yale & Towne Inc. Vehicle safety mechanism.
117092. Hindustan Lever Limited. Edible fats. (9th August 1967).
117093. Gunter Neumann. Terrasan-Erzeugnisse. Drainage system.
117094. Streamline Plastics. Improvements in or relating to battery operated miniature motors.
117095. Vanton Pumps (India) Private Limited. Improvements in or relating to protective devices for pressure gauges and the like.
117096. Rohm and Haas Company. Biologically active materials.
117097. Deuta-Werke (Vorm. Deutsche Tachometerwerke) G.M.B.H. Electrical measuring instrument.
117098. Deuta-Werke (Vorm. Deutsche Tachometerwerke) G.m.b.H. Speed—dependent switch gear.
117099. Deuta-Werke Vorm. Deutsche Tachometerwerke G.m.b.H. Speed-dependent switchgear.
117100. Sheel Internationale Research Maatschappij N. V. Stretching of polypivalolactone yarns. (7th August 1967).
117101. Allied Chemical Corporation. A process for melt spinning hollow filaments and spinnerettes for use therewith.
117102. The Champion Paper Company Ltd. Microencapsulation process and products.
117103. The Champion Paper Company Ltd. Microencapsulation process and products.

117104. The Champion Paper Company Ltd. Microencapsulation process and products.
117105. George Shalter India Limited. Gas indicator for gas cylinders as used for domestic and industrial purposes.
117106. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of propylene polymers.
117107. Beecham Incorporated. Production of water-soluble salts of  $\alpha$ -aminobenzylpenicillin.
117108. Snam Progetti S.p.A. Improvements in or relating to production of ethylene oxide. [Addition to No. 114642].
117109. Yanmar Agricultural Equipment Co., Ltd. Power cultivator with reversible handle.
117110. O. J. F. Larsen. A method of producing and protecting deposits of sedimentary material on floors of bodies of water. [Addition to No. 102881].
117111. Farbwerke Hoechst Aktiengesellschaft Vormals Meister Lucius & Bruning. Substituted p-hydroxyphenylhydrazones and process for their manufacture.
117112. Farbwerke Hoechst Aktiengesellschaft Vormals Meister Lucius & Bruning. Substituted p-hydroxyphenylhydrazones and process for their manufacture.
117113. Farbwerke Hoechst Aktiengesellschaft Vormals Meister Lucius & Bruning. Substituted p-hydroxyphenylhydrazones and process for their manufacture.
117114. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Process for the manufacture of morphinan derivatives.
- 6th August 1968
117115. D. Latifi. Automatic door ram.
117116. The Firestone Tire & Rubber Company. Process.
117117. Imperial Chemical Industries Limited. Improvements relating to bibrous non-woven sheet material. (14th August 1967).
117118. Indian Oxygen Limited. Gas control valve.
117119. The Eimco Corporation. Drum filter of molded construction.
117120. Libbey-Owens-Ford Glass Company. Inspection apparatus.
117121. The Lubrizol Corporation. Improved lubricating composition.
117122. Farbwerke Hoechst Aktiengesellschaft Vormals Meister Lucius & Bruning. Water-soluble dyestuffs and process for their preparation.
117123. N. V. Philips' Gloeilampenfabrieken. Improvements in semiconductor integrated circuits. (9th August 1967).
117124. N. V. Philips' Gloeilampenfabrieken. Improvements in semiconductor integrated circuits. (9th August 1967).
117125. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Halogenated steroids and process for the manufacture thereof.
117126. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Halogenated steroids and process for the manufacture thereof.
117127. Merck & Co., Inc. Process for the preparation of phenyl salicylic acid compounds and intermediates used therein.
117128. Merck & Co., Inc. Process for the preparation of phenyl salicylic acid compounds and intermediates used therein.
117129. Merck & Co., Inc. Process for the preparation of phenyl salicylic acid compounds and intermediates used therein.
117130. Merck & Co., Inc. Process for the preparation of phenyl salicylic acid compounds and intermediates used therein.
117131. Merck & Co., Inc. Process for the preparation of phenyl salicylic acid compounds and intermediates used therein.
117132. Roneo Limited. Improved postal franking machine. (17th August 1967).
117133. Roneo Limited. Improved postal franking machine. (17th August 1967).
117134. Roneo Limited. Improved postal franking machine. (17th August 1967).
117135. Roneo Limited. Improved postal franking machine. (17th August 1967).
117136. National Distillers and Chemical Corporation. Preparation of dihydronaphthalene compounds and polymerization process using said compounds.
117137. National Distillers and Chemical Corporation. Process for preparing alfin catalysts and sodium dispersions for use in making the same.
117138. Davidson & Co. Limited. Improvements in or relating to the fermenting of tea leaf or other vegetable matter. (24th August 1967).
117139. Farbwerke Hoechst Aktiengesellschaft Vormals Meister Lucius & Bruning. Benzene-sulfonyl semicarbazides and process for preparing them.
- 7th August 1968
117140. N. N. Mitra. A very cheap, simple and efficient windmill.
117141. Franz Plasser Bahnbaumaschinen. Rail coupling device.
117142. Pullman Incorporated. Vessel for fluid catalytic reactions.
117143. Iachema Narodni Podnik. Process for producing a smelt with active materials for use in the preparation of descaling baths for the surface treatment and the refining of metals and other materials.
117144. The Zippertubing Co. Tubular shield of plastic material. [Addition to No. 111112].
117145. Esso Production Research Company. Seismic wave source for use at marine locations. (11th January 1968).
117146. National Research Development Corporation. Improvements relating to the extraction of steroidal materials from vegetable materials. (30th August 1967).
117147. P. H. James. Improvements in or relating to methods of mounting sheet material, to methods of glazing, and to windows and the like formed by such methods. (15th August 1967).
117148. The English Electric Company Limited. Improvements in housings for electrical apparatus. (24th August 1967).
117149. Farbenfabriken Bayer Aktiengesellschaft. Process for the production of novel carbamid acid esters.
117150. Farbenfabriken Bayer Aktiengesellschaft. Process for the production of halogen-containing cobalt-phthalocyanine derivatives.
117151. Ciba Limited. New hypocalcaemic peptides and processes for their manufacture.
117152. National Distillers and Chemical Corporation. Process for hydrogenation of aromatic hydrocarbons.
117153. National Distillers and Chemical Corporation. Continuous process for preparing alkali metal dispersions and apparatus therefor.
117154. Etablissements Merlin & Gerin Societe Anonyme. Devices for the electro-optical measurement of an electrical variable.
117155. Etablissements Merlin & Gerin, Societe Anonyme. Linear induction motor.
117156. Etablissements Merlin & Gerin, Societe Anonyme. Linear induction motor.
117157. The Plessey Company Limited. Improvements in or relating to the manufacture of composite ferrites.
117158. N. H. Taylor. An improved lining for canals.

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117159. Indian Oxygen Limited. A fluid mixing device. (7th August 1967).
117160. Franz Plasser Bahnbaumaschinen. Method and apparatus for the continuously advancing of rail road track.
117161. Hindustan Lever Limited. Processed cheese.
117162. Hindustan Lever Limited. Process for preparing fat emulsions.
117163. Uniroyal, Inc. Removal of catalyst residues from alpha-olefin copolymer solutions.
117164. Uniroyal, Inc. Preparation of gel-free epdm based on ethylidene norbornene.
117165. Farbenfabriken Bayer Aktiengesellschaft. The use of new cobalt-phthalocyanine-polyamine complexes for the dyeing and printing of textiles.
117166. The Goodyear Tire & Rubber Company. Improvements in a pneumatic tire with reduced susceptibility to defects.
117167. Albiswerk Zurich A.-G. Improvements in or relating to cathode ray tube deflection circuit arrangements. (13th May 1968).
117168. Albiswerk Zurich A.-G. Improvements in or relating to cathode ray tube circuit arrangements. (15th May 1968).
117169. The Bendix Corporation. Method and apparatus for measuring.
117170. Beesham Group Limited. Therapeutic compositions. (9th August 1967).
117171. R. B. Golobart. Method for producing woven fabrics with stationary weft tapes.
117172. Societe D'etudes Scientifiques Et Industrielles De L'ile-De-France. "2-alkoxy-4, 5-azimidobenzamides and the process for the preparation thereof.
117173. Sumitomo Electric Industries, Ltd. Continuous cross-linking device for rubber or plastic cable.
117174. Ciba Limited. New peptides and processes for their manufacture.
117175. Ciba Limited. Process for the manufacture of oxyacetic acid compounds.
117176. Ciba Limited. Higher alkoxy-quinolines, process for their manufacture and compositions containing them.
117177. Leeson Corporation. Improvements in or relating to bobbins.
117178. Farwerke Hoechst Aktiengesellschaft Vormals Meister Lucius & Bruning. Epoxide resins cellular plastic and process for their manufacture.
117179. Farbwerke Hoechst Aktiengesellschaft Vormals Meister Lucius & Bruning. Cured epoxide resins and process for making them.
117180. Farbwerke Hoechst Aktiengesellschaft Vormals Meister Lucius & Bruning. Thermoplastic moulding compositions.
117186. Meiji Seika Kaisha, Ltd. Processes for the production of an antibiotic substance 2'-amino-2' -deoxykana-mycin in higher yield.
117187. Leningradsky dvazhdy ordena Lenina metallichesky zavod imeni XXII siezda Kpss. portable upright boring mill.
117188. J. R. Geigy A. G. Pharmaceutical composition comprising imipramine base and an ion-exchange resin. (12th August 1967).
117189. J. R. Geigy A. G. Process for the production of new piperidine derivatives.
117190. A. D. Swaminathan. The improvements in or relating to the device for fixing the hollow rivets.
117191. Pilkington Brothers Limited. Improvements in or relating to high temperature mortars. (11th August 1967).
117192. Fibreglass Limited. Improvements in or relating to the manufacture of impregnated fibre material. (10th August 1967).
117193. Snam Progetti S.p.A. Vulcanizable amorphous olefinic terpolymers.
117194. Ole-Bendt Rasmussen. Fibrous product and method of producing said product. (9th August 1967).
117195. Ole-Bendt Rasmussen. A process for the production of fibres and yarn. (9th August 1967).
117196. Standard Telephones and Cables Limited. Cable joint sealing. (9th October 1967).
117197. M. Sundaram. Improvements in or relating to the drying or dehydration of solids and/or liquids, and like processes.
117198. F. Hoffmann-La Roche & Co., Aktiengesellschaft. Process for the manufacture of benzodiazepine derivatives.
117199. Central Glass Co., Ltd. Terpolymers of vinyl chloride, propylene and third vinyl monomer and process for preparation thereof.
117200. Sankyo Company Limited. Process for the preparation of estrane compound by fermentation.
117201. International Nickel Limited. Manufacture of porous metal products.
117202. International Nickel Limited. Manufacture of metal plaques for alkaline battery plates.

**Alteration of Date**

103065. Post-dated to 31st October 1966 under Section 5 of the Act.
106714. Post-dated to 11th December 1967 under Section 5 of the Act.
110846. The claim to priority date 3rd June 1966 has been disallowed and the application dated as of 27th May 1967, the date of filing in India.
112873. The claim to priority date 27th October 1966 has been disallowed and the application dated as of 23rd October 1967, the date of filing in India.

**Applications Accepted**

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patent's office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8 Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra. if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

9th August 1968

117181. Kamal Kanti Mukherjee and Sunil Kanti Ghosh. Mini slide for addition and subtraction.
117182. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for producing fast dyeings or prints on cellulose fibrous materials, with reactive water-soluble dyestuffs.
117183. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Water-soluble azo dyestuffs and process for their preparation.
117184. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Azophthalocyanine dyestuffs and process for preparing them.
117185. Kyowa Hakko Kogyo Co., Ltd. Process for producing L-lysine.

103065. Council of Scientific and Industrial Research, Improvements in or relating to braced domes. Accepted on 31st July 1968.

*The joints for the straight members consist of joints welded to tubular sections or the joints are cast as a whole instead by welding.*

- 106714 J. P. Gupta. All round moving-cum-oscillating table fan. Accepted on 5th August 1968.

*Wherein the fan can be moved to all round moving oscillating and fixing positions by moving a key screw situated in the posterior end of the motor.*

107297. S. V. Dikshit. Improvements in or relating to electromagnetic relay switch for protection of single phasing of a 3-phase operated electric motor, transformer, rectifier, heater or like devices. Accepted on 3rd August 1968.

*Consisting an insulated board on which is fitted a magnetic core carrying three similar coils wound side by side in star connection, a fixed contact carrying a cushioning coil spring and a hinged armature held in tension against said fixed contact by means of a torsion spring.*

107690. F. S. Soorma. A machine for boring a well and simultaneously lining its wall. Accepted on 27th July 1968.

*Comprising a cutter attached to a central shaft detachably secured to a bevel wheel actuated through a prime mover, the bevel wheel being mounted on a base plate forming a staging, means for disconnecting the bevel wheel from the prime mover, pulleys for raising the staging and a pushing cylinder below the staging.*

107743. Reynolds Metals Company. Alumina production. Accepted on 31st July 1968.

*Predigesting a thick slurry in caustic alkali solution amount being insufficient to dissolve all the soluble alumina and sufficient to dissolve all silica in the ore between 150-490°F temperature.*

107830. Council of Scientific and Industrial Research Improved wedge and split type roof bolt. Accepted on 3rd August 1968.

*Wherein the bolt comprises two parts joined threadedly together, the upper part being shorter and provided with two slots at right angles to each other while the longer lower part has a threaded end to take a nut and bearing plate.*

107889. W. R. Grace & Co. Novel tetrahydrophthalamic acids and derivatives thereof. Accepted on 8th August 1968.

*By reacting the desired substituted aniline with tetrahydrophthalic anhydride.*

108068. American Flange & Manufacturing Co., Inc. Chuck for holding container closures. Accepted on 7th August 1968.

*A chuck, having a chucking surface comprising an annular closure a recessed area a source of vacuum, and closure guide means.*

108500. Artos Dr. Ing. Meier-Windhorst, K. G. A process for continuous dyeing of broadly carried lengths of textile materials with disperse, reactive or similar dyes. Accepted on 6th August 1968.

*Characterized in that dyeing and dye-fixing treatment are carried out in superheated steam or in a steam air mixture with a high content of superheated steam.*

108806. United States Steel Corporation. Method carbonate-bonding specular and resulting product. Accepted on 7th August 1968.

*Comprising regrounding relatively coarse "as received" specular hematite to produce about 60 to 95% minus 325 mesh particles, moistening with water the particles, and mixing them with alkaline earth metal oxide or hydroxide, forming the mixture into gran agglomerates and exposing the agglomerates to  $\text{CO}_2$  gas.*

109078. M & T Chemicals Inc. Process for preparing polyurethanes and catalyst composition therefor. Accepted on 29th July 1968.

*Comprises in reacting a substance having Zerewitinoff active hydrogen atoms, an organic polyfunctional isocyanate, water and a catalyst composition comprising a flowing catalyst and as a gel catalyst a compound having the formula  $(\text{CH}_2)_n \text{SnX}$  wherein X is selected from the group consisting of laurate, lauryl mercaptide the negative residual portion of mercaptouacid or mercaptoester.*

109141. G. Fronza. Kitchen pot having a thermal heat insulating and heat concentrating bell, especially meant for cooking foodstuffs, sterilisation and washing. Accepted on 2nd August 1968.

*Comprising a receptacle surrounded by a thermal bell, a double section closing lid and a pair of valves.*

109155. The British Petroleum Company Limited. Composition comprising urea (18th February 1966). Accepted on 31st August 1968.

*Containing urea in crystalline form in a state of dispersion in a matrix containing an asphalt.*

109185. Council of Scientific and Industrial Research. Improvements in or relating to fluid energy mills. Accepted on 6th August 1968.

*Fluid energy mill with means for diverting a part with means for classification and means for returning coarser particles and a path connecting primary stream with the feed injection system.*

109193. Catalysts and Chemicals, Inc. Desulfurized hydrocarbon reforming. Accepted on 6th August 1968.

*Comprises introducing oxygen into the preheated feed stream and passing the mixture over a reforming catalyst supported on a refractory base and promoted by a metal selected from the group of platinum and palladium and bringing the temperature to 1100°F and then reforming the remaining hydrocarbon in a second stage over an unpromoted reforming catalyst.*

109200. Chase Brass and Copper Co., Inc. Sheet guiding and tensioning apparatus. Accepted on 5th August 1968.

*Comprising a movable unit, mechanism effecting reciprocating movement of the unit, stationary guide means for guiding the unit during its reciprocating movement, a tensioning roll mounted on the movable unit, a tracking system for tracking the moving sheet, and means on the movable unit responsive to the action of the tracking system.*

109222. The British Petroleum Company Limited. Process for preventing caking of a solid petroleum hydrocarbon and a composition therefor. (18th February 1966). Accepted on 7th August 1968.

*Consisting of or containing a friable solid in the form of particles or granules in a state of dispersion.*

109255. United States Steel Corporation. Method of producing carburized steel. Accepted on 8th August 1968.

*Characterized by the presence of finely distributed retained austenite but substantially no massive grainboundary carbides comprising heating said carburized steel to within the range of 1500 to 1580°F to austenize the same, quenching said steel from austenizing temperature and subsequently tempering at a temperature less than 400°F for up to about 4 hours.*

109284. Catalysts and Chemicals, Inc. Hydrocarbon reforming catalysts (16th March 1966). Accepted on 6th August 1968.

*Comprises definitely shaped particles of a hydraulic cement refractory base containing nickel and in the form of hollow cylinders or rings the amount of nickel as metal being 15 to 30% in the cement.*

109344. Frick Company. Heat exchange apparatus. Accepted on 5th August 1968.

*Chamber comprising wall means defining a treatment chamber means for conditioning the air therein, a perforated openended drum vertically supported for rotation about its longitudinal axis within the chamber, an endless conveyor.*

109504. Sandoz Ltd. Dyes of the anthraquinone series, their production and use. Accepted on 7th August 1968.

*Chlorinating or brominating dihydroxyanthraquinone derivatives and dyeing/printing with the dye thus obtained.*

109576. Joseph Sankey & Sons Limited. Improvements in or relating to punch retainers for piercing tools. (10th March 1966). Accepted on 3rd August 1968.

*Have a punch receiving bore, a bore opening into a channel opening into a counterbore, and spring means.*

109734. Matsushita Electronics Corporation. Field-effect transistor having insulated gates. Accepted on 3rd August 1968.

*A conductive electrode is provided on the insulating substrate between two adjacent gates right above the island domain.*

109750. R. C. Buchmann. A method, of and apparatus for filling moulds for the production of foamed mouldings from thermoplastic pre-expanded foamable particles. Accepted on 6th August 1968.

*Comprising volumetrically enlarging to a predetermined extent cavity of the mould and then reducing to the final size by the application by application of pressure to one or more of the surfaces defining the interior cavity of the mould, thereby to compress the filling to the desired or final volume.*

109770. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of manufacturing of semiconductor devices. Accepted on 3rd August 1968.

*The strip shaped conductors are joined in longitudinal dimensions by means of bridge member.*

109778. Gagliardi Research Corporation. Process for producing durable press fabric articles by vapour phase treatment. Accepted on 3rd August 1968.

*Comprising treating the fabric article in a zone permitting the passage of vapours of a volatile cellulose cross linking agent and a catalyst and controlling the moisture content of the vapour.*

109840. Foseco International Limited. Compositions for use in the lining of hot tops on the heads of ingot moulds. (22nd March 1966). Accepted on 5th August 1968.

*And a method of producing shaped elements from a aqueous slurry of the ingredients of the composition comprising a granular refractory material, organic fibrous material and as binding agent, cereal flour, and removing water from the aqueous slurry to deposit a body of required shape.*

109984. Esso Research and Engineering Company. Endothermic process for forming gaseous and carbonaceous products. Accepted on 3rd August 1968.

*Cracking hydrocarbons by contact with hot particulate coke solids by establishing low temperature and high temperature reaction zone containing fluidized beds of particulate coke solids.*

110081. Associated Chemical Companies Limited. Anti-corrosive coating compositions. Accepted on 8th August 1968.

*Comprises a solution of a chromic acid salt of one or more organic bases in an organic solvent having boiling point below 250°C.*

110284. Hindustan Lever Limited. Process for the purification of olefins and process for the production of olefin sulphonates. (26th April 1966). Accepted on 8th August 1968.

*Comprises subjecting the olefin to treatment with sulphuric acid and treatment of the olefin layer with an adsorbent.*

110373. Simonacco Limited. Process for the production of a cavity filling composition. Accepted on 3rd August 1968.

*Comprises adding to sand or earth a 0.5 to 5% aqueous solution of a chain polymer in ratio of 5 to 300 grammes polymer per ton (dry basis) of sand or earth.*

110428. Sumitomo Chemical Company Ltd. Process for producing  $\beta$ -methylmercaptopropionaldehyde. Accepted on 3rd August 1968.

*Reacting in the presence of a catalyst methylmercaptan with an acrolein containing solution.*

110517. Foseco International Limited. Electrosag remelting and welding process. (5th May 1966) Accepted on 6th August 1968.

*Characterized in that there is located in the region of the tip of the electrode of steel or other metal a starter tablet having a composition which comprises ingredients which react exothermically when fired and which burn to yield a slag suitable for refining the metal of the electrode.*

110562. Izhorsky Zavod im. A. A. Zhdanova. Driving mechanism of double-track vehicles. Accepted on 6th August 1968.

*Driving mechanism of double track vehicles like excavators, having a single drive for each track and mounted on the inner side of the track frames.*

110776. C. Pasquale and A. C. Pasquale. Improvement in suction head lifting devices for the plants manufacturing asbestos cement slabs. Accepted on 5th August 1968.

*Characterised by counter balancing means for the swing arm in the form of at least one hydraulic cylinder having the fixed end of its rod articulated to the pin or a crank arranged on the extension of the arm*

110846. T.M.M. (Research) Limited. Improvements in or relating to apparatus for supplying empty cans to and discharging full cans from sliver coiling apparatus. Accepted on 3rd August 1968.

*Comprises a rotary turntable for driving a can in the coiling position and can-displacing means operable to an empty reserve can to the turntable and to displace full can to discharge position.*

110899. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of crimped continuous structures. Accepted on 3rd August 1968.

*Comprises passing a continuous structure through a heating zone and allowing mechanical impulses to act transversely.*

111093. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to glow-discharge tubes of the kind containing a quantity of radio-active material. Accepted on 3rd August 1968.

*Characterized in that the gas filling contains a small quantity of heavier rare gas.*

111119. Gestetner Limited. Improvements in or relating to sheet handling apparatus. (15th June 1966). Accepted on 5th August 1968.

*Comprises pneumatically operable means, mean for producing pressure, a guide and a valve controlling the application of said pulses.*

- 111143 **Algemene Kunstzijde Unie N V** A process for the manufacture of vulcanized products reinforced with industrial filament yarns, cords or fabrics, as well as products manufactured by this process Accepted on 8th August 1968  
*Characterised in that the yarns, cords or fabrics are treated with an aqueous solution of from 0.5 to 5% by weight of sodium or potassium orthophosphate and subsequently dried*
- 111150 **The Jay Engineering Works Limited** Fractional horse power electric motor Accepted on 5th August 1968  
*Having a rotor formed by pressing laminations together on rotor shaft injecting aluminium into axial holes in the compressed stack of laminations allowing aluminium to solidify, and covering ends of rotor remaining outside the stator by aluminium end caps.*
- 111301 **Rhone Poulenc S A** Process for the preparation of copolymers of vinyl esters and  $\alpha$  olefines Accepted on 3rd August 1968  
*Introducing a solution of the  $\alpha$ -olefine in the vinyl ester progressively into an autoclave charged with water, a polymerisation initiator, an emulsifier and optionally a protective colloid*
- 111334 **M A Chavannes** Method and apparatus for making cushioning and insulating material and the resultant product Accepted on 8th August 1968  
*Characterised in that a plastic film with an embossment generating therein closely spaced pockets and a second plastic film is permanently joined with the unembossed portions.*
- 111406 **Footle Mineral Company** A process for producing propynylsodium and propynyllithium Accepted on 8th August 1968  
*Comprises passing a mixture of propyne (p) and allene (a) [p a=1 1 to 4 1 w/w] into an inert organic liquid slurry of dispersed alkali metal consisting of Na or Na & Li mixture*
- 111449 **N V Philips' Gloeilampenfabrieken** Improvements in and relating to transistors (25th July 1966) Accepted on 5th August 1968  
*With emitter regions surrounded with in the semiconductor body by a diffused inner base region part of the opposite conductivity type which adjoins and is surrounded within the semiconductor body by a deeper diffused peripheral part of the opposite conductivity type*
- 111560 **Ugine Kuhlmann** Process for the preparation of epsilon caprolactones (7th February 1967) Accepted on 3rd August 1968  
*Comprising oxidising cyclohexanones in presence of inert and immiscible solvents*
- 111561 **Societa Italiana Resine S P A** Process for wet spinning of acrylonitrile polymers or copolymers Accepted on 3rd August 1968  
*Comprises extruding a solution of acrylonitrile polymer in a non-aqueous solvent into a coagulating bath comprising cumol and polymer solvent*
- 111562 **Societa Italiana Resine S P A** Method of wet spinning of acrylonitrile polymers or copolymers Accepted on 3rd August 1968  
*Characterised by extruding into a coagulating bath comprising cumene a polymer solvent and drawing the thread at a higher temperature*
- 111599 **Telcon-Magnetic Cores Limited** Improvements in C type cut cores for magnetic structures Accepted on 8th August 1968  
*Having a staggered butt joints forming in each leg a zig zag pattern in which all limbs of the pattern diverge with respect to the planes of the laminations and no two joints in adjacent limbs of the pattern lie in the same transverse plane the two C shaped parts of the core being separable one from the other*
- 111601 **Farbenfabriken Bayer Aktiengesellschaft** Process for the production of foamed materials Accepted on 3rd August 1968  
*Process comprises adding to a foamed copolymerisable mixture of unsaturated polyesters, an organic peroxide, a carbonic acid ester anhydride and a primary, or an recyclic or cyclic secondary or tertiary amine*
- 112095 **Birfield Engineering Limited** Controller for pneumatically operated hoists (4th July 1967) Accepted on 5th August 1968.  
*A body containing a main air pressure regulated and a pilot air pressure regulator connection for the supply of compressed air by passages leading to the respective regulators, an outlet for pressure regulated air from the main regulator and an outlet for pilot air from the pilot regulator*
- 112187 **Imperial Chemical Industries of Australia and New Zealand Limited** Method of preparing blasting shothole (21st September 1966) Accepted on 7th August 1968  
*Comprising the steps of forming a borehole, placing a foaming agent in it and supplying gas under pressure to the hole adjacent to the lower end thereof*
- 112399 **Esso Research and Engineering Company** Method for protecting metal from oxidation by forming an inverse spinel coating Accepted on 8th August 1968  
*Oxidising surface of the metal at elevated temperature to form a surface film just within the lowermost valence state of metal cooling the metal to further oxidise the surface film to inverse spinel form of oxide at an oxidation level*
- 112527 **Ciba Limited** Process for the manufacture of disazo pigments Accepted on 5th August 1968  
*Comprises heating diazoamino compound of arylamine with bisacetoacetyl arylenediamine*
- 112561 **B Syall** An improved coupler unit Accepted on 6th August 1968  
*Comprising two complementary parts, one of these parts being provided with a plurality of detachable projections adapted to be received in corresponding grooves formed in a sleeve carried by the other part*
- 112575 **Council of Scientific and Industrial Research** A method for forming a monomeric cyclic compound from methyl  $\alpha$ -oleostearate and  $\alpha$  tung oil Accepted on 5th August 1968.  
*Heating  $\alpha$  tung oil with sulfur for 1 hour at 240°C reacting heated oil with excess of methanol containing dissolved sodium for 1½ hours at 100°C separating glycerol layer from cooled reaction product washing reaction product with 10% hcl and water and finally distilling at 160°C/400mm*
- 112873 **B H Technical Developments Limited** Foamed polyurethane compositions and building panels and other constructional components made therefrom Accepted on 5th August 1968  
*Reacting together solid particulate material rigid polyurethane foam 10 to 40% of water and 20—40% by weight of inert volatile organic liquid blowing agent.*
- 113158 **N V Philips' Gloeilampenfabrieken** Low-pressure mercury vapour discharge lamps Accepted on 5th August 1968  
*Characterised in that a metal which form an amalgam with mercury and a conductive strip are present in the discharge space*
- 113231 **Neyveli Ignite Corporation Limited** Improved process for procuring coal or lignite dust from coal or lignite sludges and slurries Accepted on 8th August 1968

*Characterized in that it consists in mixing flyash with slurry and allowing this mixture to settle, the flyash should not be more than 10% by weight of coal as lignite dust to be procured.*

113353. Shell Internationale Research Maatschappij N. V. A bast fibre hatching operation and the resulting products. (30th November 1966). Accepted on 6th August 1968.

*Which is carried out with the aid of an aqueous mineral oil containing a water soluble nutrient for bacteria as an emulsifier for said mineral oil and a non ionic surface active agent.*

113504. The Goodyear Tire & Rubber Company. Expandable adapter. Accepted on 5th August 1968.

*Comprises a tubular wall containing circumferentially localised stress arcs of greater elasticity than the intervening portions.*

113916. F. I. Du Pont De Nemours and Company. Preparation of thiolhydroxamate carbamates Accepted on 5th August 1968.

*Comprising reacting thiolhydroxamate ester with isocyanic acid or methyl isocyanate in aqueous medium at a temperature between 0°C and boiling point of the reaction mass.*

#### Opposition Proceedings

The opposition entered by General Refractories Company to the grant of a patent on application No. 102204, made by Krishnan Rajagopalan, has been treated as withdrawn.

#### Patents Sealed

99900. 100268. 101143. 101144. 101146. 101147. 101148. 101149. 101173. 101522. 101932. 102102. 102619. 102837. 103002. 103274. 103389. 103514. 103534. 103844. 103851. 104008. 104080. 104120. 104170. 104185. 104188. 104226. 104232. 104260. 104282. 104294. 104302. 104394. 104456. 104534. 104593. 104555. 105478. 105508. 105558. 105578. 105579. 105616. 105617. 105659. 105907. 105987. 106042. 106383. 106519. 106520. 106573. 106666. 107192. 107894. 107910. 107926. 107960. 108007. 108149. 108615. 108724. 108738. 108785. 108878. 109327. 109599. 110142. 110375.

#### Amendment Proceedings

(1)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that Japan Broadcasting Corporation, a Corporation duly organized and existing under the laws of Japan, located at 2-2, 2-Chome, Uchisaiwa-cho, Chiyoda-ku, Tokyo, Japan and Tokyo Shibaura Electric Company Limited, a Corporation duly organized and existing under the laws of Japan, located at 72, Horikama-cho, Kawasaki-shi, Japan, seek leave to amend the description and claims in the specification in respect of the patent application No. 105383. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office on payment of the usual charges.

(2)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that Lockspike Limited, a British Company, of 7 Rolls Buildings, Fetter Lane, London, E. C. 4, England, seek leave to amend the description and claims in the specification in respect of patent application No. 108651. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office on payment of the usual charges.

#### Entry in the Register of Patents

Patent No. 85274 Decree of the Hon'ble Mr. Justice A. N. Roy, dated 22nd February, 1967 in Suit No. 512 of 1966 (Ram Rakha Juneja & Anr. vs. Indian Electronic Industries & Anr.) regarding infringement of Patent No. 85274 has been entered under Section 33 of the Indian Patents and Designs Act, 1911.

#### Registration of Assignments, Licences, etc. (Patents)

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests.

49081 }  
53553 } —Sri Raj Kumar Dewan.  
80826 }

#### Renewal Fees Paid

49925. 50032. 50168. 50268. 50269. 50376. 50524. 51692. 51728. 52679. 52690. 52765. 52779. 52780. 52797. 52953. 53012. 53031. 55266. 55305. 55322. 55325. 55354. 55382. 55418. 55493. 55629. 56100. 58111. 58121. 58313. 58314. 58315. 58316. 58317. 58318. 58334. 58335. 58336. 58337. 58343. 58379. 58389. 58471. 58512. 58628. 58645. 58654. 58699. 58731. 58772. 58782. 58864. 59956. 59957. 59958. 60595. 61461. 61462. 61463. 61488. 61489. 61536. 61537. 61538. 61630. 61638. 61660. 61661. 61716. 61718. 61744. 61757. 61785. 61791. 62038. 62238. 62414. 63349. 64006. 64924. 64997. 65003. 65026. 65027. 65105. 65109. 65131. 65132. 65174. 65186. 65239. 65240. 65260. 65268. 65269. 65287. 65300. 65301. 65342. 65370. 65423. 65603. 65604. 65625. 65736. 66066. 67788. 68743. 68761. 68840. 68841. 68890. 68898. 68899. 68939. 68942. 68951. 68953. 68997. 69040. 69041. 69042. 69043. 69065. 69090. 69091. 69092. 69093. 69094. 69105. 69144. 69149. 69150. 69169. 69197. 69253. 69333. 69518. 69562. 69638. 69956. 70120. 70618. 72916. 72918. 72975. 72976. 72988. 73218. 73234. 73285. 73290. 73292. 73293. 73294. 73337. 73338. 73350. 73353. 73370. 73387. 73401. 73407. 73408. 73429. 73438. 73446. 73447. 73448. 73449. 73450. 73451. 73452. 73463. 73471. 73502. 73516. 73687. 73750. 73769. 73891. 74050. 74717. 77915. 77956. 77976. 78015. 78016. 78178. 78205. 78249. 78280. 78281. 78314. 78336. 78377. 78380. 78390. 78423. 78429. 78473. 78505. 78523. 78541. 78542. 78543. 78544. 78556. 78592. 78661. 78678. 78697. 78726. 78727. 78737. 78772. 78866. 78904. 79075. 79113. 79211. 79359. 79448. 79484. 79620. 81410. 81411. 83592. 83660. 83701. 83747. 83768. 83769. 83918. 83919. 84038. 84107. 84134. 84117. 84172. 84177. 84199. 84213. 84218. 84243. 84249. 84250. 84276. 84298. 84318. 84319. 84342. 84353. 84378. 84379. 84481. 84504. 84581. 84608. 84644. 84733. 84734. 84772. 84785. 84841. 84843. 84844. 84880. 85048. 85049. 85153. 85200. 85303. 85768. 89259. 89427. 89450. 89468. 89454. 89509. 89522. 89544. 89573. 89662. 89717. 89720. 89724. 89725. 89733. 89789. 89798. 89801. 89830. 89844. 89868. 89901. 89902. 89962. 89963. 89964. 90008. 90019. 90032. 90064. 90082. 90112. 90132. 90135. 90136. 90137. 90187. 90198. 90200. 90209. 90219. 90261. 90304. 90329. 90330. 90355. 90386. 90390. 90426. 90483. 90509. 90511. 90698. 90699. 90794. 91259. 91260. 91261. 91262. 91659. 94066. 94746. 94962. 94963. 95183. 95209. 95280. 95308. 95360. 95370. 95383. 95413. 95414. 95425. 95424. 95440. 95454. 95458. 95470. 95508. 95524. 95534. 95562. 95571. 95578. 95579. 95580. 95608. 95619. 95630. 95635. 95655. 95671. 95672. 95691. 95692. 95722. 95738. 95757. 95773. 95775. 95787. 95803. 95804. 95855. 95914. 96027. 96081. 96098. 96099. 96133. 96172. 96195. 96199. 96225. 96226. 96455. 101082. 101093. 101390. 101392. 101800. 101801.

*Restoration Proceedings*

(1)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 67214—The Associated Cement Companies Limited

The patent ceased on the 30th March 1966, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933 at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 4th October 1968.

(2)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 87388—Deshpande Gopal Abaji.

The patent ceased on the 11th April 1967, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 20th January 1968. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933 at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 5th October 1968.

(3)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 87791—Abbey Etna Machine Co.

The patent ceased on the 6th November 1967, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933 at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 4th October 1968.

(4)

An order has been made on the 12th July 1968, restoring the Patent No. 84119, dated as of the 13th September 1962, granted to Thein Zan for "improvements in or relating to sorting and separating machines".

(5)

An order has been made on the 12th July 1968, restoring the patent No. 89001, dated as of the 19th July 1963, granted to Temescal Metallurgical Corporation for "improvements in or relating to vacuum plastic coating".

S. VEDARAMAN,  
*Controller General of Patents, Designs and Trade Marks,*